

Sources of physico-chemical data for REACH requirements

Handbooks

Handbook of Environmental Data on Organic Chemicals, K. VERSCHUEREN, Wiley-Interscience, 4th edition, 2001.

Handbook of Environmental Fate and Exposure Data for Organic Chemicals, 5 volumes, P. H. Howard, CRC Press, 1989-1997.

CRC Handbook of Chemistry and Physics, D. R. LIDE, CRC Press, 88th edition, 2007.

Lange's Handbook of Chemistry, J. G. SPEIGHT, McGraw-Hill Companies, 16th edition, 2005.

The Merck Index, 14th edition, 2006.

The Aldrich Catalogue.

Kirk-Othmer Encyclopedia of Chemical Technology, K. OTHMER, Wiley-Interscience, 5th edition, 2004.

Handbook of Vapor Pressures and Heats of Vaporisation of Hydrocarbons and Related Compounds, B. J. ZWOLINSKI, R. C. WILHOIT, Thermodynamics Research Center, College Station, Texas, 1971.

The Vapour Pressure of Pure Substances, T. BOUBLIK, V. FRIED, E. HALA, Elsevier, Amsterdam, 2nd edition, 1984.

Handbook of the Thermodynamics of Organic Compounds, R. M. STEPHENSON, S. MALANOWSKI, Elsevier, New York, 1987.

Bretherick's Handbook of Reactive Chemical Hazards, B-H, 6th edition, 1999.

Illustrated Handbook of Physico-chemical Properties and Environmental Fate of Organic Chemicals, D. MACKAY, W.-Y. SHIU, K.-C. MA, 5 volumes, Lewis Publishers, Chelsea, MI, 1992-1997.

Sax's Dangerous Properties of Industrial Materials, R. J. LEWIS, Wiley-Interscience, 11th edition, 2004.

Review

Critical Micelle Concentrations of Aqueous Surfactant Systems, P. MUKERJEE, K. J. MYSELS, NSRDS-NBS 36, U.S. Department of Commerce, Washington DC, 1971.

Publication

Octanol-water partition Coefficients of Simple Organic Compounds, J. SANGSTER, Journal of Physical and Chemical Reference Data, 18(3), 1111-1129, 1989.

Databases

HSDB (<http://www.toxnet.nlm.nih.gov/cgi-bin/sis/htmlgen?HSDB>).

AQUASOL, Database of Aqueous Solubility (www.pharmacy.arizona.edu/outreach/aquasol/).

IUCLID, Chemical Data Sheets Information System (<http://ecb.jrc.it>).

MedChem (<http://daylight.com>).

PHYSPROP, database of the Syracuse Research Corporation (<http://www.syrres.com>).

Canadian National Committee (CNC/CODATA) database (<http://logkow.cisti.nrc.ca>).